

IN THE SPECIFICATION:

Please amend the specification as follows:

On page 4, line 8, please delete the period "." following the word "antigen".

On page 5, line 8, please delete "CD40" and insert --CD40L-- in place therefor.

On page 6, line 12, please delete "Na₂EDTA" and insert --Na₂EDTA-- in place therefor.

On page 6, line 15, please delete "FACSLysing" and insert --FACSTM Lysing-- in place therefor.

On page 7, line 3, please replace the word "Permeablize" with --Permeabilize--.

On page 7, line 3, please replace "FACS permeabilization solutionTM" with --FACSTM Permeabilizing Solution--.

On page 7, line 15, please replace "FACSscanTM" with --FACSscanTM --.

On page 7, line 19, please replace the word "permeabling" with --permeabilizing--.

On page 7, line 23, please delete the colon, ":", and insert a period --.-- in place therefor.

On page 8, line 6, please replace "FACSlyseTM" with --FACSTM Lysing Solution--.

On page 8, line 7, please delete "FACS" and insert --FACSTM-- in place therefor.

On page 8, line 8, please replace "FACSlyseTM" with --FACSTM Lysing Solution--.

On page 10, line 5, please delete "IL-1" and insert --IL-2-- in place therefor.

On page 10, line 22, please delete the period following "straightforward,".

On page 18, line 6, please delete the word "-is" and insert --is-- in place therefor.

IN THE CLAIMS:

Please cancel claims 1 - 18 without prejudice.

Please add the following new claims:

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19. A method of detecting antigen-specific cytokine production by individual T lymphocytes, comprising the steps of:

contacting a sample containing peripheral blood mononuclear cells with an MHC-dependent nominal antigen;
adding to said sample an inhibitor of cytokine secretion;

adding to said sample at least one cytokine-specific antibody and at least one T lymphocyte subset-defining antibody; and then

flow cytometrically detecting the intracellular binding of said cytokine-specific antibody by cells in the defined T lymphocyte subset.